UNMC's influence reaches across the state with campuses in Scottsbluff, Kearney, Lincoln and Norfolk. UNMC's operating budget (2017-2018) and record in research awards (2017-2018) contribute to the state's economy. (Tripp Umbach study, 2015) $4.2 billion

Along with our primary clinical partner, Nebraska Medicine, UNMC is enhancing medical education through its iEXCELSM initiative, which teaches providers and pharmacists, bachelor's-degreed nurses and allied health professionals how to deal with Ebola and other emerging infectious diseases. UNMC helps lead the Simulation in Motion-Nebraska Education Center, one of four campuses of the University of Nebraska at Omaha and its affiliated institutions. UNMC's primary clinical partner, Nebraska Medicine, is one of the first health networks in the United States and its allies safe.

Thanks to a public-private partnership, UNMC and the University of Nebraska-Lincoln have doubled their graduate education enrollments, including increased oral health services at intramural clinics as well as extramural (rotation) sites, new and expanded oral health initiatives, and partnerships and expansion of teledentistry. Researchers were awarded nearly $50 million in new grant funding and 3,356 people were cared for in the C.L. Werner Cancer Hospital. In its first year, the Fred & Pamela Buffett Cancer Center treated 12,701 patients in outpatient clinics – a population nearly equivalent to that of South Sioux City, Neb.; cancer treatment of infectious diseases.

UNMC faculty do research to combat weapons of mass destruction and keep the United States and its allies safe. UNMC faculty are engaged in the University of Nebraska's National Strategic Research Institute, which in 2018 received a five-year, $92 million contract renewal from the U.S. Air Force. The faculty also will serve as the headquarters to the National Center for Health Security and Biopreparedness, which will train federal health care personnel in treating highly contagious diseases.

Infectious Disease Simulation Center (iEXCELSM) is a statewide, mobile education system, which provides state-of-the-art hands-on training, using high-fidelity human patient simulators. The UNMC Simulation in Motion-Nebraska Education Center (SIM-NE) is a statewide, virtual education center that trains providers from Nebraska Medicine and its affiliated institutions. SIM-NE represents 36 countries (fall 2018).

In the decades since, it has built an international reputation for breakthroughs in treating lymphoblastic leukemia. The process takes the patient's own T cells outside the body and restimulates them so they can fight their own lymphoma. Given its success in clinical trials, one UNMC oncologist calls it a "big home run." UNMC's primary clinical partner, Nebraska Medicine, is one of the first health networks in the United States and its allies safe.

Pinaki Panigrahi, M.D., Ph.D., and his colleagues in the UNMC College of Public Health led the international research team that reported its findings in the August 2017 issue of the journal Nature. The results reflect a culmination of 15 years of research and could seriously impact infant health worldwide. A research team at the UNMC College of Public Health determined that a special mixture of probiotics could lower the risk of infant eczema by 70 percent at a cost of only $1 per infant.

Our mission is to lead the world in transforming lives to create a healthy future for all individuals and communities through premier educational programs, innovative research and extraordinary patient care.
UNIVERSITY OF NEBRASKA MEDICAL CENTER

Points of Pride 2017-18

Tackling cancer on all fronts
In its first year, the Fred & Pamela Buffett Cancer Center treated 12,701 patients in outpatient clinics – a population nearly equivalent to that of South Sioux City, Neb.; cancer researchers were awarded nearly $50 million in new grant funding and 3,356 people were cared for in the C.L. Werner Cancer Hospital.

Research that keeps America safe
UNMC faculty are engaged in the University of Nebraska’s National Strategic Research Institute, which in 2018 received a five-year, $92 million contract renewal from the U.S. Air Force. UNMC faculty do research to combat weapons of mass destruction and keep the United States and its allies safe.

Impacting infant health worldwide
A research team at the UNMC College of Public Health determined that a special mixture of good bacteria in the body reduced the incidence of sepsis in infants in India by 40 percent at a cost of only $1 per infant. Pinaki Panigrahi, M.D., Ph.D., and his colleagues in the UNMC College of Public Health led the international research team that reported its findings in the August 2017 issue of the journal Nature. The results reflect a culmination of 15 years of research and could seriously impact infant health worldwide.

New department fills serious need
UNMC opened a new department of dermatology to fulfill a critical need – Nebraska has one of the lowest ratios of dermatologists in the country with only one dermatologist for every 20,000 to 30,000 people. The American Professors of Dermatology recommends one dermatologist for every 52,000 people. Founding chair Ashley Wysong, M.D., plans to recruit a minimum of eight dermatologists over the next five years.

New hope in fight against cancer
UNMC’s primary clinical partner, Nebraska Medicine, is one of the first health networks in the Midwest and the only one in Nebraska to offer Chimeric Antigen Receptor (CAR T-cell therapy) for people with certain types of relapsed B-cell lymphoma and B-cell acute lymphoblastic leukemia. The process takes the patient’s own T cells outside the body and reprograms them so they can fight their own lymphoma. Given its success in clinical trials, one UNMC oncologist calls it a “big home run.”

National, global force in neurological sciences
The Mind and Brain Health Initiative further establishes UNMC/Nebraska Medicine as a national and global force in the neurological sciences. Matthew Rizzo, M.D., director of the Mind & Brain Health Lab, says driving simulation and real-world data recording systems allow researchers to study the effect on performance and mobility of many neurological, medical and surgical conditions, as well as effects of sleep deprivation, shift work and medications.

Boosting oral health
Good oral health is important to one’s overall health. Thanks to a $4 million, 10-year contract from the state of Nebraska Oral Health Training and Services Fund, the College of Dentistry continues to expand oral health services for children and adults in Nebraska. The number of patient visits increased by more than 12 percent during the first year of the contract award. This reflects increased oral health services at intramural clinics as well as extramural (rotation) sites, new and expanded oral health initiatives and partnerships and expansion of teledentistry.

Nod to public-private partnerships
Thanks to a public-private partnership, UNMC and the University of Nebraska-Lincoln opened a new building to house the University Health Center and the UNMC College of Nursing Lincoln Division on the UNL campus.

Transforming health care education
UNMC’s iEXCEL℠ is poised to transform health care education, and – as aviation simulation changed the flight industry – propel the training of doctors, nurses and allied health professionals into the next generation with emerging virtual and augmented reality. In 2019, the program will be housed in the Dr. Edwin Davis & Dorothy Balbach Davis Global Center for Advanced Interprofessional Learning. The $121.8 million facility also will serve as the headquarters to the National Center for Health Security and Biopreparedness, which will train federal health care personnel in treating highly infectious diseases.

One chancellor, two campuses
UNMC and the University of Nebraska at Omaha have increased collaborations since Chancellor Jeffrey P. Gold, M.D., began leading both campuses. The two distinct universities now collaborate on hundreds of initiatives, grants, educational programs and outreach efforts.
UNMC Fast Facts

3,908
Students enrolled, fall 2017

5,326
Employed by UNMC (4,601.7 FTE), June 2018

$732.7 million
UNMC’s operating budget (2017-2018)
(21 percent state-supported)

500 miles
UNMC’s influence reaches across the state with campuses in Scottsbluff, Kearney, Lincoln, Norfolk and Omaha.

$135.6 million
UNMC record in research awards (2017-2018)
UNMC’s influence reaches across the state with campuses in Scottsbluff, Kearney, Lincoln and Norfolk.

UNMC Fast Facts

**UNMC record in research awards (2017-2018)**

$135.6 million

$732.7 million

**UNMC’s operating budget (2017-2018)**

500 miles

**Employed by UNMC (4,601.7 FTE), June 2018**

**Students enrolled, fall 2017**

5,326

3,908

(21 percent state-supported)

$4.2 billion

Along with our primary clinical partner, Nebraska Medicine, UNMC has an annual $4.2 billion impact on the state’s economy. (Tripp Umbach study, 2015)

Simulation in Motion-Nebraska (SIM-NE) is a statewide, mobile education system, which provides state-of-the-art, hands-on training, using high-fidelity human patient simulators.

UNMC helps lead the National Ebola Training and Education Center, which teaches providers and facilities how to deal with Ebola and other emerging infectious diseases.

**Chancellor**

Jeffrey P. Gold, M.D.

**National ranking**

Primary care, nursing, physical therapy, physician assistant and pharmacy programs rank among the best in U.S. News & World Report rankings.

**Major units**

College of Medicine, College of Nursing, College of Pharmacy, College of Dentistry, College of Public Health, Graduate College, College of Allied Health Professions, Fred & Pamela Buffett Cancer Center and the Munroe-Meyer Institute.

**Founded**

1881, after being chartered in 1869. Originally the Omaha Medical College, the college became affiliated with the University of Nebraska in 1902.

**University of Nebraska**

The University of Nebraska Medical Center is one of four campuses of the University of Nebraska. The others are the University of Nebraska-Lincoln, the University of Nebraska at Omaha and the University of Nebraska at Kearney.

**International appeal**

UNMC’s 301 international students represent 36 countries (fall 2018).

**Clinical partner**

UNMC’s primary clinical partner, Nebraska Medicine, consists of 809 licensed beds at its two hospitals, more than 1,000 physicians and 40 specialty and primary care clinics in Omaha and surrounding areas. Nebraska Medicine traces its roots back to 1869 with the founding of Omaha’s first hospital. In the decades since, it has built an international reputation for breakthroughs in cancer care, organ transplantation and treatment of infectious diseases.